

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:	WELL LOG	ELECTRIC LOGS	FILE	X	WATER SANDS	LOCATION INSPECTED	Oil	SUB REPORT/abd
This well location was never drilled or disturbed 5-5-82								
DATE FILED	10/1/81							
LAND: FEE & PATENTED	STATE LEASE NO.		U-44820		PUBLIC LEASE NO.		U-44820	
INDIAN								
DRILLING APPROVED:	12/9/81							
SPUDDED IN:								
COMPLETED:	PUT TO PRODUCING:							
INITIAL PRODUCTION:								
GRAVITY A.P.I.								
GOR:								
PRODUCING ZONES:								
TOTAL DEPTH:								
WELL ELEVATION:	5052' GR							
DATE ABANDONED:	5-5-82 LOCATION ABANDONED WELL NEVER DRILLED							
FIELD:	Undesignated 3/86							
UNIT:								
COUNTY:	San Juan							
WELL NO	#2							
LOCATION	1820		FT. FROM (N) LINE.		1980		FT. FROM (E) LINE	
					API #43-037-30745		SWNE	
					1/4 - 1/4 SEC.		14	
TWP.	RGE.	SEC.	OPERATOR		TWP.	RGE.	SEC.	OPERATOR
					38S	24E	14	DAVIS OIL COMPANY

DAVIS OIL COMPANY

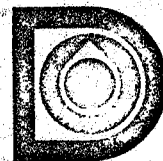
410 - 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW ORLEANS
HOUSTON
TULSA

RECEIVED

NOV 05 1981

DIVISION OF
OIL, GAS & MINING



October 1, 1981

Mr. Carl Barrick
U.S.G.S.
701 Camino Del Rio
Durango, CO 81301

RE: #2 Montezuma Creek Federal Unit - TIGHT HOLE
SWNE Sec. 14, T38S, R24E
San Juan County, Utah

Dear Mr. Barrick:

Enclosed please find for your approval, an original and three copies of the Application for Permit to Drill, together with four copies of the Staking Plat covering the drilling of the captioned proposed test. Designation of Operator from Wexpro will be forthcoming.

By carbon copy of this letter to the Utah State Oil & Gas Commission, we are furnishing them with a copy of our application and staking plat.

Your early attention to the approval of said application will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

Michelle

Michelle Hiller
Executive Secretary

/mh
Enclosures

✓ cc: Utah State Oil & Gas Commission

PLEASE KEEP THIS TIGHT.

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1423.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR

410 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

SWNE Sec. 14, T38S, R24E

At proposed prod. zone
1820' FNL, 1980' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20 miles northwest to Blanding, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 820' south
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED, 3000' SW
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5950'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5052' GR Est., 5064' KB Est.

22. APPROX. DATE WORK WILL START*

Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# K-55	STC (NEW)	0-1800' 800 sxs. est. <i>Circ to surf.</i>
8 3/4"	5 1/2"	15.5# K-55	LTC (NEW)	0-5950' 700 sxs. est.

(SEE TEN POINT PROGRAM)

PLEASE NOTE THIS IS A TIGHT HOLE!!!

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12-9-81
BY: *[Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ed Lafayette
Ed Lafayette

TITLE

Chief Geologist

DATE

10/1/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Identification No. 046-82

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator DAVIS OIL COMPANY

Project Type single zone developmental oil well

Project Location 1820' ENL/1980' FEL, SEC. 14, T. 38 S., R. 24 E., San Juan County, Utah

Well No. No. 2 Montezuma Creek Federal Unit Lease No. U-44820

Date Project Submitted _____

FIELD INSPECTION

Date October 20, 1981

Field Inspection
Participants

Roy Moyer - Davis Oil Company

Dean McClellan - McDonald Construction Co.

Al Kroeger/John Shahan - surveyors, Kroeger Engineering

Brian Wood/Paul Happel - Bureau of Land Management

Marilyn Swift - archaeologist, Salmon Ruins Museum

Terry Ballaway/Danall Englishman - U.S. Geological Survey

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

November 4, 1981

Date Prepared

Danall Englishman
Environmental Scientist

I concur

NOV 24 1981

Date

W.P. Mautner

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety						✓ 4	✓		
2. Unique charac- teristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		
7. National Register historic places	✓ 1								
8. Endangered/ threatened species	✓ 1								
9. Violate Federal, State, local, tribal law						✓ 4	✓		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

DAVIS OIL COMPANY

410 - 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW ORLEANS
HOUSTON
TULSA



October 1, 1981

NOV 05 1981

RECEIVED
OIL & MINERAL

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U.S.G.S.
701 Camino Del Rio
Durango, CO 81301

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SWNE Sec. 14, T38S, R24E
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DAVIS OIL COMPANY

Michelle

Michelle Hiller
Executive Secretary

/mh
Enclosures

✓ cc: Utah State Oil & Gas Commission

PLEASE KEEP THIS TIGHT.

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(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1423.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR

410 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface SWNE Sec. 14, T38S, R24EAt proposed prod. zone
1820' FNL, 1980' FEL14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles northwest to Blanding, Utah

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LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 820' south
(Also to nearest drilg. unit line, if any)

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TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 3000' SW

16. NO. OF ACRES IN LEASE

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5950'

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RECEIVED
DEC 03 1981

RECEIVED

NOV 4 1981

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

(SEE TEN POINT PROGRAM)

PLEASE NOTE THIS IS A TIGHT HOLE!!!

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Ed Lafaye

TITLE

Chief Geologist

DATE 10/1/81

PERMIT NO.

APPROVAL DATE

APPROVED BY

FOR E. W. GUYNN

TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

NOV 30 1981

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

I take O & G

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

DATED 11/1/81

COMPANY DAVIS OIL COMPANY

LEASE MONTEZUMA CREEK FEDERAL UNIT WELL No. 2

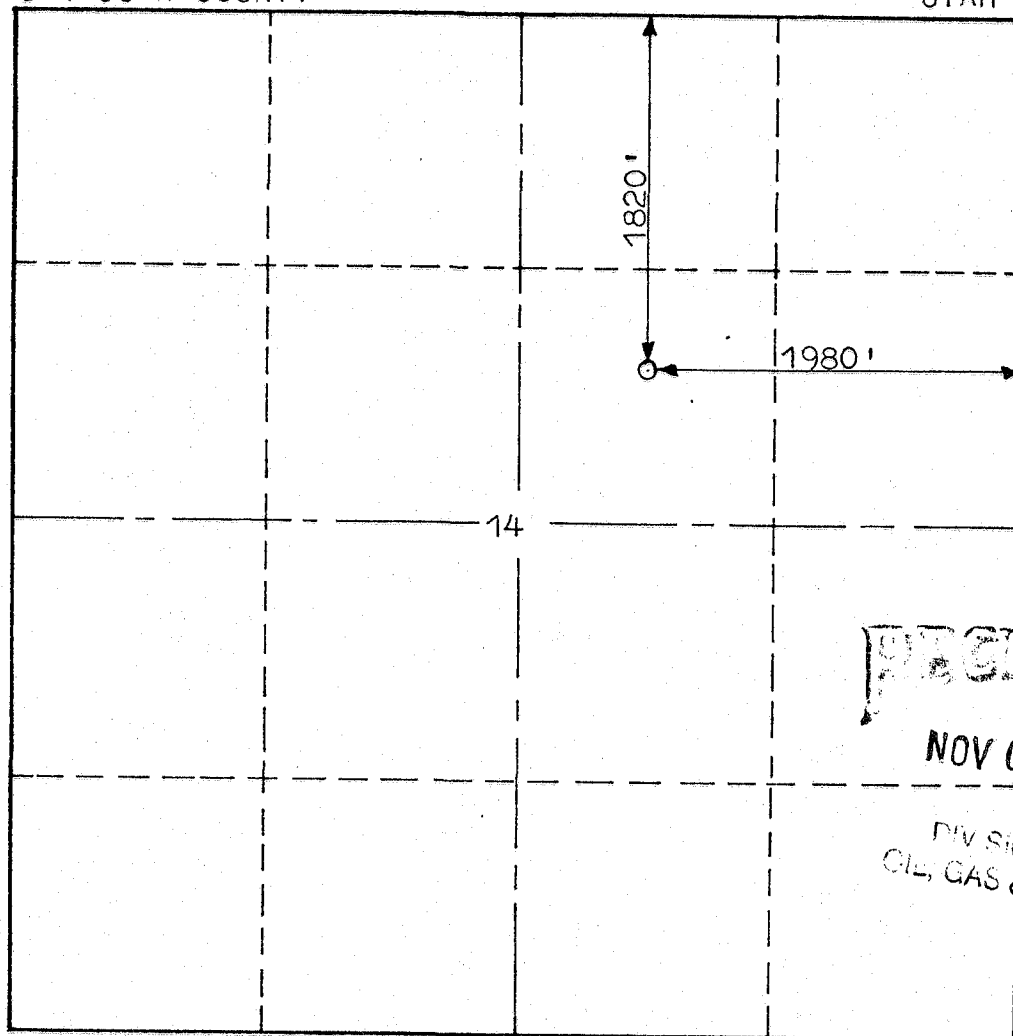
SECTION 14 T. 38 S. R. 24 E., SLB&M

LOCATION 1820 FEET FROM THE NORTH LINE
1980 FEET FROM THE EAST LINE

ELEVATION 5052 (UNGRADED)

SAN JUAN COUNTY

UTAH



Scale: 1" = 1000'

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NOV 05 1981

DIVISION OF
OIL, GAS & MINING

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

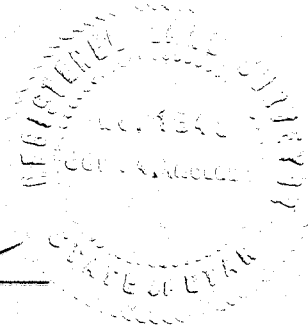
DATE: OCTOBER 14, 1981

KROEGER ENGINEERING COMPANY

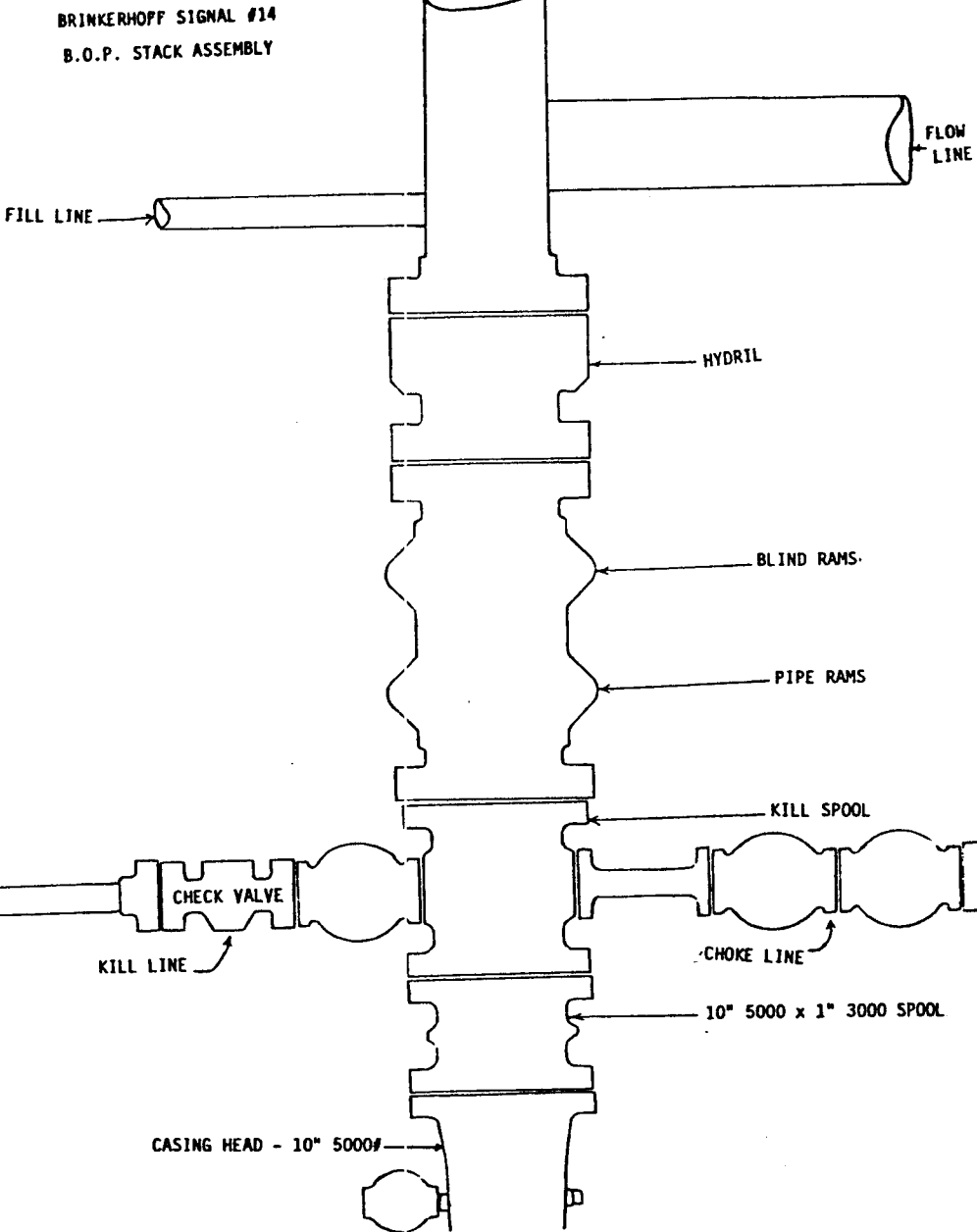
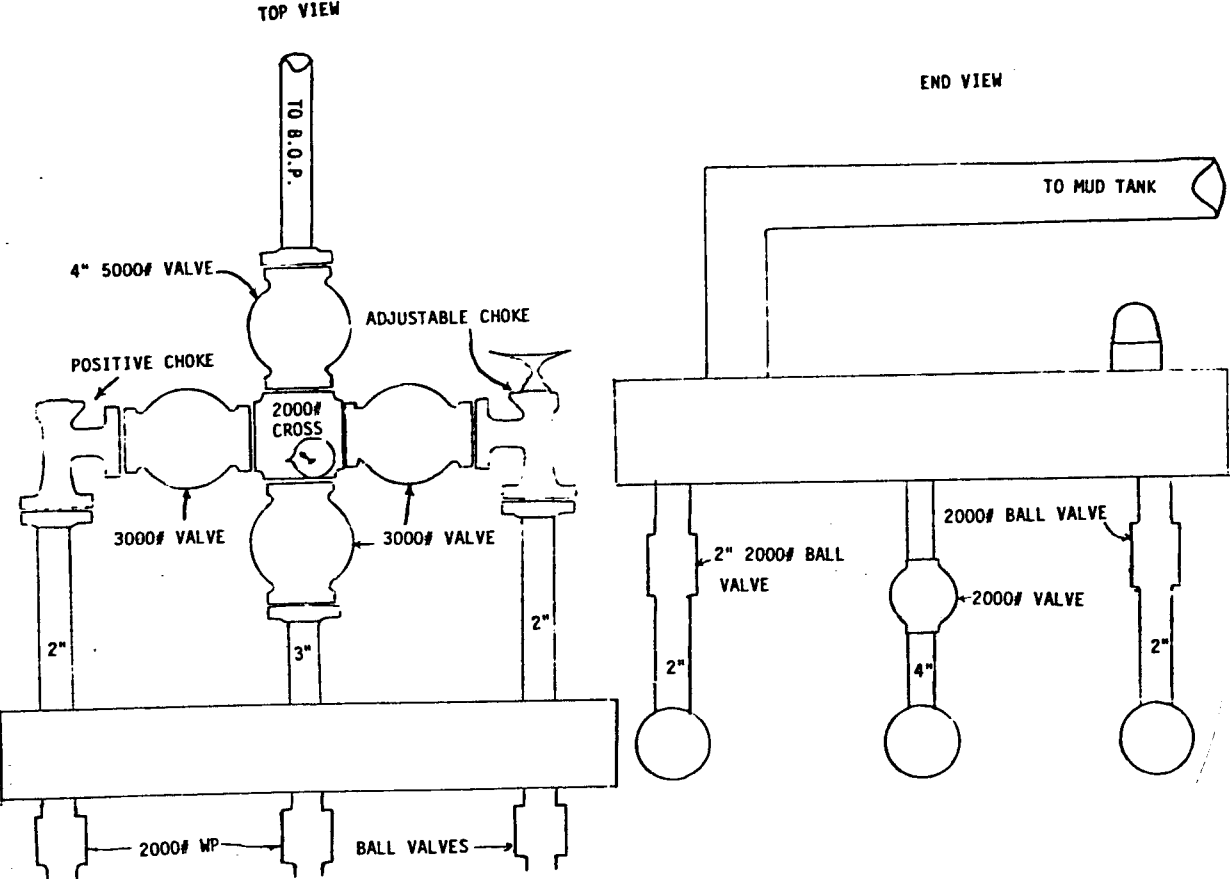
By: John A. Kroeger

John A. Kroeger, President

UTAH LS REG. No. 1648



BRINKERHOFF SIGNAL #14
CHOKE MANIFOLD



TEN POINT PROGRAM

1) SURFACE FORMATION: Morrison

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Morrison	surface	water
Navajo SS	1700'	fresh water sand
Chinle	1800'	tight red mudstone
De Chelly	2700'	brackish water sand
Hermosa		first white limestone
Ismay	5612'	anhydrite, limestone, dolomite, shale oil and gas
Gothic	5793'	black shaly carbonate
Desert Creek	5823'	dolomite, anhydrite, shale
Pay Dolomite	5875'	tan dolomite, oil and gas
Total Depth	5950'	

NOV 05 1981

4) CASING PROGRAM:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1800' 800 sxs. est.
 8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-5950' 700 sxs. est.

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rated working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:

0-1800' spud mud

1800-4600' Gel-lime mud 9 ppg

4600-5950' LSND Maximum mud weight 9-10 ppg based on offset of wells.

35-45 vis., 10 cc W.L., PH -10.

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

7) AUXILIARY EQUIPMENT:

1) Kelly Cock.

2) Drill Pipe Float (Except for lost circulation drilling conditions)

3) Monitoring of Mud System will be visual unless otherwise specified.

4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.

8) LOGGING:

GR-SP-DIL-SFL, Sonic, Dipmeter - all from base of surface casing to total depth.
 CNL-FDC - zones of interest

CORING:

At discretion of geologic staff, none planned.

8) Continued -

TESTING:

1 DST - Desert Creek

STIMULATION:

Ismay, Desert Creek Formation - acidize each potential pay with 7500 gallons HCL.

Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 3000 PSI.

10) ANTICIPATED STARTING DATE: Within 30 - 45 days from Government approval.

DURATION OF OPERATION: 30-60 Days.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
San Juan Resource Area
P.O. Box 7
Monticello, Utah 84535

IN REPLY REFER TO
T38SR24E Sec. 14
(U-069)

November 17, 1981

Memorandum

To: USGS, Durango, Colorado

From: Area Manager, San Juan

Subject: Davis Oil Company's APD for Montezuma Creek Federal No. 2

We concur with approval of the Application for Permit to Drill provided the following amendments to the Surface Use Plan are included in the approval:

1. The top six inches of soil material will be removed from the location and stockpiled on the east side.
2. The trash pit will be dug at least six feet into undisturbed material.
3. During rehabilitation, the stockpiled topsoil will be evenly distributed over the disturbed area.
4. If the well is not a producer, the access will be ripped 18 inches deep, water barred and blocked to prevent future use.
5. If the well is a producer, the access will be upgraded to BLM specifications.

The archaeological requirement has been fulfilled. No threatened or endangered species are indicated.

Robert L. Lurie

ACTING

RECEIVED

NOV 20 1981

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

FROM: : DISTRICT GEOLOGIST ME, SALT LAKE CITY, UTAH
TO: : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-12715

OPERATOR: Columbine Explorations

WELL NO. 24-15

LOCATION: NW 1/4 SE 1/4 SW 1/4 sec. 15, T. 38 S, R. 24 E, SLM

San Juan County, Utah

1. Stratigraphy: Operator tops seem reasonable

Morrison surface

Entrada ~ 580'

Navajo 780'

Kayenta ~ 1390'

Wingate ~ 1540'

Chinle ~ 1840'

Shinarump ~ 2540'

Moenkopi ~ 2570'

Cutler

Hermosa ~ 4775'

Paradox ~ 5540'

Is may 5700'

Desert Creek ~ 5910'

(A. kah) (~ 6080')

TD ~ 6000'

2. Fresh Water:

Fresh water is possible in the sandstone formations from surface to the base of the Chinle. (0 to 2500')

3. Leasable Minerals:

Beds of Sodium Chloride in the Paradox

4. Additional Logs Needed: Suite is adequate

5. Potential Geologic Hazards: None expected

5. References and Remarks:

Signature: Gregory W. Wood

Date: 10 - 28 - 80

CONFIDENTIAL

DATE: November 13, 1981

OPERATOR: Davis Oil company

WELL NO: Montezuma Creek Federal Unit #2

Location: Sec. 14 T. 38S R. 24E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-037-30745

CHECKED BY:

Petroleum Engineer: M. J. Minder 12-9-81

Director: _____

Administrative Aide: OK as per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

December 9, 1981

Davis Oil Company
410 17th Street
Suite #1400
Denver, Colo. 80202

RE: Well No. Montezuma Creek Federal Unit #2,
Sec. 14, T. 38S, R. 24E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

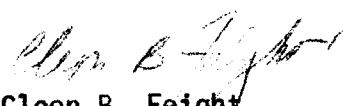
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands(~~aquifers~~) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30745.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deeper or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
DAVIS OIL COMPANY
3. ADDRESS OF OPERATOR
410 17th St., #1400, Denver, CO 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) SWNE Sec. 14, T38S, R24E
AT SURFACE:
AT TOP PROD. INTERVAL: 1820' FNL, 1980' FEL
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) CHANGE OF PLANS ☐

5. LEASE
U-44820

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Montezuma Creek Federal Unit

8. FARM OR LEASE NAME

9. WELL NO.
#2

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T38S, R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-30745

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5052' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PLEASE BE ADVISED THAT DAVIS OIL COMPANY HAS DECIDED NOT TO DRILL THE ABOVE CAPTIONED WELL.

THERE WAS NO SURFACE DISTURBANCE DONE.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Ed Lafaye TITLE Chief Geologist DATE 5/5/82
Ed Lafaye

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: